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SEQUENCE LISTING

<110> METHEXIS NV

<120> SEQUENCING BY A COMBINATION OF MONONUCLEOTIDE-SPECIFIC
DIGESTION AND MASS SPECTROMETRY

<130> 29314/35410A

<140>

<141>

<150> 60/131,984

<151> 1999-04-30

<160> 30

<170> PatentIn Ver. 2.1

<210> 1

<211> 120

<212> DNA

<213> Homo sapiens

<220>

<223> exon 5 of human p53

<400> 1

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tgggttattt ccacaccccc gcccggacc cgcgtcccgcc ccatggccat ctacaaggcag 120

<210> 2

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

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<223> pGEM3-Zf(+) derived nucleotide

<400> 2

gtaaaaacgac ggccagtgaa ttgtataacg actcactata

40

<210> 3

<211> 972

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

<220>

<223> pGEM3-Zf(+) derived nucleotide

<400> 3

gggcgaattc gagctcggtt cccggggatc ctcttagatc gacctgcagg catgcaagct 60
tgagtattct atagtgtcac ctaaatatgc tggcgtaatc atggtcatacg ctgtttctcg 120
tgtgaaattt ttatccgctc acaattccac acaacatacg agccggaagc ataaaatgtt 180

- 2 -

aaggcctgggg tgcctaata gtagactaac tcacattaat tgcgttgcgc tcactgcccc 240
 cttccagtc gggaaacctg tcgtgccagc tgcatataat aatcgccaa cgccgggga 300
 gagggcggtt gcgtattggg cgctcttcg ctccctcgct cactgactcg ctgcgctcg 360
 tcgttcggct gcccgcagcg gtatcagtc actcaaaggc ggtataacgg ttatccacag 420
 aatcaggggta taacgcagga aagaacatgt gaggaaaagg ccagcaaaag gccaggaacc 480
 gtaaaaaggc cgcgttgcgt gcgttttcc ataggctccg ccccccgtac gacatcaca 540
 aaaatcgcac ctcaagtca aggtggcgaa acccgacagg actataaaaga taccaggcg 600
 ttcccccctgg aagctccctc gtgcgtctc ctgttccgac cctgcccgtt accggataacc 660
 tgtccgcctt tctcccttcg ggaagcgtgg cgcttctca tagctcacgc tgttaggtatc 720
 tcagttcggt gttagtcgtt cgctccaagc tggctgtgt gcacgaaccc cccgttcagc 780
 cccgaccgcgtg cgccttatcc ggtaactatc gtcttgagtc caaccggta agacacgact 840
 tatcgccact ggcagcagcc actggtaaca ggattagcag agcgaggat gtaggcggtg 900
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<210> 4
 <211> 131
 <212> DNA
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<220>
 <223> Description of Artificial Sequence: synthetic

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 accccacacaa atacaacaac tacgaagggtt ttgatttctc tgtgagctct ccctactacg 120
 aatggcctat c 131

<210> 5
 <211> 134
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<220>
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 ttcgttagttt tgtagttgt gtgggtaaaga attggatcca acagttcac cgtttcggt 120
 aagtttatat ccgg 134

<210> 6
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<210> 9
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<210> 10
<211> 45
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<210> 11
<211> 45

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<212> DNA
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<220>
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<210> 12
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<220>
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<400> 15
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13

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25

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<400> 17
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26

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<220>
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<210> 24
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<220>
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<210> 25
<211> 12
<212> DNA
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<220>
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<210> 29
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<212> DNA
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<210> 30
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cacagagaaa t

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